



STIC Search Report

EIC 2800

STIC Database Tracking Number: 146040

TO: Craig Church
Location: JEF- 5A19
Art Unit : 2882
Thursday, February 24, 2005

Case Serial Number: 10/718506

From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540

darcy.bates@uspto.gov

Search Notes

Re: 10/718,506 US 6,320,932

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

**Thanks,
Darcy Bates**

Bates, Darcy

From: Church, Craig
Sent: Tuesday, February 22, 2005 10:59 AM
To: STIC-EIC2800
Subject: 10/718506

Please do a litigation search on this reissue app. Thanks

Craig Church
AU 2882

Day : Thursday
 Date: 2/24/2005
 Time: 08:13:58

PALM INTRANET

Application Number Information

Application Number: 10/718506 Assignments

Filing or 371(c) Date: 11/20/2003

Effective Date: 11/20/2003

Application Received: 11/21/2003

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: 56249-140PHLL-132DVRE

Status: 41 /NON FINAL ACTION MAILED

Confirmation Number: 1247

Examiner Number: 59494 / CHURCH, CRAIG

Group Art Unit: 2882

IFW IMAGE

Class/Subclass: 378/065.000

Lost Case: NO

Interference Number:

Waiting for Response Desc.
Mail Non Final

Unmatched Petition: NO

L&R Code: Secrecy Code:1

Third Level Review: NO

Secrecy Order: NO

Status Date: 02/23/2005

Oral Hearing: NO

Title of Invention: MINIATURE RADIATION SOURCE WITH FLEXIBLE PROBE AND LASER DRIVEN THERMIONIC EMITTER

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
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Search Another: Application# or Patent#

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Day : Thursday
Date: 2/24/2005
Time: 08:14:05



PALM INTRANET

Continuity Information for 10/718506

Parent Data

10718506
is a reissue of 09748590
is a division of 09311792

Child Data

No Child Data

[Appn Info](#) [Contents](#) [Petition Info](#) [Atty/Agent Info](#) **Continuity Data** [Foreign Data](#) [Inventors](#) [Address](#) [Fees](#) [Post Info](#) [Pre Grant Pub](#)

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Day : Thursday
 Date: 2/24/2005
 Time: 08:14:11


PALM INTRANET
Application Number Information

Application Number: 09/748590 [Order This File](#) [Assignments](#) Examiner Number: 59494 / **CHURCH, CRAIG**

Filing or 371(c) Date: 12/22/2000

Group Art Unit: 2882

Effective Date: 12/22/2000

Class/Subclass: 378/065.000

Application Received: 12/27/2000

Lost Case: NO

Pat. Num./Pub. Num: [6320932/20010016027](#)

Interference Number:

Issue Date: 11/20/2001

Unmatched Petition: NO

Date of Abandonment: 00/00/0000

L&R Code: Secrecy Code:1

Attorney Docket Number: PHLL-132DV

Third Level Review: NO

Secrecy Order: NO

Status: 150 /PATENTED CASE

Status Date: 11/01/2001

Confirmation Number: 2665

Oral Hearing: NO

Title of Invention: MINIATURE RADIATION SOURCE WITH FLEXIBLE PROBE AND LASER DRIVEN THERMIONIC EMITTER

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09748590	9200	09/04/2002	No Charge to Location	No Charge to Name	BAIG,ARIF	

Appln Info [Contents](#) [Petition Info](#) [Atty/Agent Info](#) [Continuity Data](#) [Foreign Data](#) [Inventors](#) [Address](#) [Fees](#) [Post Info](#) [Pre Grant Pub](#)

Search Another: Application# or Patent#

PCT / / or PG PUBS #

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Day : Thursday
Date: 2/24/2005
Time: 08:14:16



PALM INTRANET

Continuity Information for 09/748590

Parent Data

09748590
is a division of 09311792

Child Data

10718506 is a reissue of 09748590

[AppnInfo](#) [Contents](#) [PetitionInfo](#) [Atty/AgentInfo](#) **Continuity Data** [ForeignData](#) [Inventors](#) [Address](#) [Fees](#) [PostInfo](#) [PreGrantPub](#)

Search Another: Application# or Patent#
PCT / / or PG PUBS #
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Day : Thursday
 Date: 2/24/2005
 Time: 08:14:22


PALM INTRANET
Application Number Information

Application Number: 09/311792 [Order This File](#) [Assignments](#) Examiner Number: 59494 / **CHURCH, CRAIG**

Filing or 371(c) Date: 05/13/1999

Group Art Unit: 2876

Effective Date: 05/13/1999

Class/Subclass: 378/065.000

Application Received: 05/13/1999

Lost Case: NO

Patent Number: [6195411](#)

Interference Number:

Issue Date: 02/27/2001

Unmatched Petition: NO

Date of Abandonment: 00/00/0000

L&R Code: Secrecy Code:1

Attorney Docket Number: PHLL-132

Third Level Review: NO

Secrecy Order: NO

Status: 150 /PATENTED CASE

Status Date: 02/09/2001

Confirmation Number: 1710

Oral Hearing: NO

Title of Invention: MINIATURE X-RAY SOURCE WITH FLEXIBLE PROBE

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09311792	9200	09/03/2002	No Charge to Location	No Charge to Name	WASEEM,MOHAMMED	

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Day : Thursday
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Time: 08:14:27



PALM INTRANET

Continuity Information for 09/311792

Parent Data**No Parent Data****Child Data**

09748590 is a division of 09311792

10718506 is a reissue of 09748590

PCT/US00/12920 is a continuation of 09311792

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Litigation involving patent 6,320,932

Click on the docket number to view the docket.
Click on the above patent number to view the patent.

Docket Case Heading Date Filed Date Retrvd

There are no cases involving this patent number.

Litigation involving patent 20010016027

Click on the docket number to view the docket.
Click on the above patent number to view the patent.

Docket Case Heading Date Filed Date Retrvd

There are no cases involving this patent number.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#) [i](#)
Terms: [patno=6320932](#) ([Edit Search](#))

748590 (09) 6320932 November 20, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6320932

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[Link to Claims Section](#)

November 20, 2001

Miniature radiation source with flexible probe and laser driven thermionic emitter

REISSUE: November 20, 2003 - Reissue Application filed Ex. Gp.: 2882; Re. S.N. 10/718,506 (O.G. March 2, 2004)

INVENTOR: Dinsmore, Mark - Sudbury, Massachusetts

APPL-NO: 748590 (09)

FILED-DATE: December 22, 2000

GRANTED-DATE: November 20, 2001

ASSIGNEE-AT-ISSUE: Photoelectron Corporation, Lexington, Massachusetts, 02

ASSIGNEE-AFTER-ISSUE: January 24, 2003 - SECURITY AGREEMENT, PYC CORPORATION TANPY BUILDING, 17-19 AKTI MIAOULI PIRAEUS GREECE 18535, Reel and Frame Number: 013705/0362

LEGAL-REP: McDermott, Will & Emery - # #0

PUB-TYPE: November 20, 2001 - Utility Patent having a previously published pre-grant publication (B2)

PUB-COUNTRY: United States (US)

US-MAIN-CL: 378#65

US-ADDL-CL: 378#136

CL: 378

SEARCH-FLD: 378#65, 378#119, 378#136

IPC-MAIN-CL: 7A 61N005#10

SECOND-PUBLISH: November 20, 2001


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Enter Search Terms

 Terms and Connectors Natural Language

patno=6320932

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Search Connectors

Use connectors to show relationships between search terms. (Hover over a connector for description. Click a connector to add to search.)

Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

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Query/Command : file pluspat

Selected file: PLUSPAT

Search statement 1

Query/Command : us6320932/pn

**** SS 1: Results 1**

Search statement 2

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image
PN - US2001016027 A1 20010823 [US20010016027]
PN2 - US6320932 B2 20011120 [US6320932]
TI - (A1) Miniature radiation source with flexible probe and laser
driven thermionic emitter
PA - (B2) PHOTOELECTRON CORP (US)
PA0 - Photoelectron Corporation, Lexington MA [US]
PA2 - (B2) PHOTOELECTRON CORP (US)
IN - (A1) DINSMORE MARK (US)
AP - US74859000 20001222 [2000US-0748590]
FD - Divsn of US311792 19990513 [1999US-0311792]
Division of: US6195411
PR - US74859000 20001222 [2000US-0748590]
US31179299 19990513 [1999US-0311792]
IC - (A1) H01J-035/06
EC - A61N-005/10B3
H01J-035/06B
H01J-035/32
ICO - T01J-235/08D2
PCL - ORIGINAL (O) : 378065000; CROSS-REFERENCE (X) : 378136000
DT - Corresponding document
CT - US1981583; US2748293; US3714486; US3752990; US3920999; US4104531;
US4104532; US4109154; US4117334; US4157475; US4205251; US4344181;
US4517472; US4563769; US4606061; US4608997; US4646338; US4662368;
US4692938; US4694480; US4714825; US4773413; US4789997; US4821305;
US4852567; US4856036; US4921327; US4924485; US5042058; US5090043;
US5116344; US5116345; US5147353; US5153900; US5165093; US5428658;
US5576549; US5729583; DE3543591 A; JP3-251263 A; WO9217243
STG - (A1) Utility Patent Application published on or after January 2, 2001
STG2 - (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001
AB - This invention is directed to a radiation source comprising a
power supply, a flexible fiber optic cable assembly, a light
source, and a target assembly. The power supply includes a first
terminal and a second terminal, and elements for establishing an
output voltage between the first terminal and the second terminal.
The flexible fiber optical cable assembly has an originating end
and a terminating end, and includes a fiber optical element
extending from the originating end to the terminating end. The
cable is adapted for transmitting light incident on the
originating end to the terminating end. The light source includes
elements for generating a beam of light at and directed to the
originating end of the fiber optical cable assembly. The target
assembly is affixed to the terminating end of the fiber optical
cable assembly and is electrically coupled to the power supply by
way of the first terminal and the second terminal. The target

assembly includes elements for emitting radiation in a predetermined spectral range, in response to light transmitted to the terminating end.

UP - 2001-36

1 / 1 LGST - @EPO
 PN - US2001016027 A1 20010823 [US20010016027]
 US6320932 B2 20011120 [US6320932]
 AP - US74859000 20001222 [2000US-0748590]
 ACT - 20030124 US/AS-A
 ASSIGNMENT
 OWNER: PYC CORPORATION TANPY BUILDING, 17-19 AKTI MIAOULI;
 EFFECTIVE DATE: 20030121
 SECURITY AGREEMENT;ASSIGNOR:PHOTOELECTRON
 CORPORATION;REEL/FRAME:013705/0362

20040302 US/RF-A
 REISSUE APPLICATION FILED
 EFFECTIVE DATE: 20031120
 UP - 2004-52

1 / 1 CRXX - @CLAIMS/RRX
 AN - 3608809
 PN - 6,320,932 A 20011120 [US6320932]
 PA - Photoelectron Corp
 PT - E (Electrical)
 ACT - 20030124 REASSIGNED
 SECURITY AGREEMENT

Assignor: PHOTOELECTRON CORPORATION, DATE SIGNED: 01/21/2003

Assignee: PYC CORPORATION, TANPY BUILDING, 17-19 AKTI MIAOULI,
 PIRAEUS, GREECE, 18535

Reel 013705/Frame 0362

Contact: HALE AND DORR LLP, MICHAEL J. BEVILACQUA, ESQUIRE, 60
 STATE STREET, BOSTON, MA 02109

20031120 REISSUE REQUESTED
 ISSUE DATE OF O.G.: 20040302
 REISSUE REQUEST NUMBER: 10/718506
 EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2882

Reissue Patent Number:

20040217 REASSIGNED
 ASSET PURCHASE AGREEMENT

Assignor: PHOTOELECTRON CORPORATION, DATE SIGNED: 06/04/2003

Assignee: CARL-ZEISS-STIFTUNG DOING BUSINESS AS CARL ZEISS, CARL
 ZEISS STRASSE 22, OBERKOCHE, GERMANY, 73447

Reel 014981/Frame 0591

Contact: MARK G. LAPPIN, P.C., 28 STATE STREET, BOSTON, MA 02109

UP - 2003-37
UACT- 2004-03-02
URAS- 2005-02-15

Search statement 2

Query/Command : fam us6320932/pn

1 Patent Groups
** SS 2: Results 5

Search statement 3

Query/Command : famstate nonstop

1 / 5 PLUSPAT - @QUESTEL-ORBIT
PN - AU4839900 A 20001205 [AU200048399]
STG - (A) Open to public inspection
TI - (A) Miniature x-ray source and flexible probe
PA - (A) PHOTOELECTRON CORP
IN - (A) DINSMORE MARK
IC - (A) H01J-035/06
AP - AU4839900 20000511 [2000AU-0048399]
PR - US31179299 19990513 [1999US-0311792]
WOUS0012920 20000511 [2000WO-US12920]
UP - 2001-09

2 / 5 PLUSPAT - @QUESTEL-ORBIT
PN - EP1208582 A1 20020529 [EP1208582]
STG - (A1) Public. Of applic. With search report
TI - (A1) MINIATURE X-RAY SOURCE AND FLEXIBLE PROBE
OTI - (A1) MINITURISIERTE RNTGENQUELLE UND FLEXIBLE SONDE
(A1) SOURCE MINIATURISEE DE RAYONS X ET SONDE FLEXIBLE
PA - (A1) PHOTOELECTRON CORP (US)
IN - (A1) DINSMORE MARK (US)
IC - (A1) H01J-035/06
PN2 - EP1208582 A4 20030129 [EP1208582]
STG2 - (A4) Publ. Of suppl. search report
TI2 - (A4) MINIATURE X-RAY SOURCE AND FLEXIBLE PROBE
OTI2 - (A4) MINITURISIERTE RNTGENQUELLE UND FLEXIBLE SONDE
(A4) SOURCE MINIATURISEE DE RAYONS X ET SONDE FLEXIBLE
PA2 - (A4) PHOTOELECTRON CORP (US)
IN2 - (A4) DINSMORE MARK (US)
IC2 - (A4) H01J-035/06 H01J-035/32
LA - ENGLISH (ENG)
AP - EP00930607 20000511 [2000EP-0930607]
PR - WOUS0012920 20000511 [2000WO-US12920]
US31179299 19990513 [1999US-0311792]

DS - AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
UP - 2002-22

1 / 1 *LEGALI - @EPO*
PN - EP1208582 A1 20020529 [EP1208582]EP1208582 A4 20030129 [EP1208582]
AP - EP00930607 20000511 [2000EP-0930607]
ACTE - 20020529 EP/AK-A [+]
 DESIGNATED CONTRACTING STATES:
 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 20020529 EP/17P-A [+]
 REQUEST FOR EXAMINATION FILED
 EFFECTIVE DATE: 20020219
 20030129 EP/A4-A [+]
 SUPPLEMENTARY SEARCH REPORT
 EFFECTIVE DATE: 20021216
 20030129 EP/RIC1-A
 CLASSIFICATION (CORRECTION)
 7 H01J-035/06 A
 20030129 EP/RIC1-A
 CLASSIFICATION (CORRECTION)
 7 H01J-035/32 B
UP - 2003-22

3 / 5 *PLUSPAT - @QUESTEL-ORBIT - image*
PN - US6195411 B1 20010227 [US6195411]
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) Miniature x-ray source with flexible probe
PA - (B1) PHOTOELECTRON CORP (US)
PA0 - Photoelectron Corporation, Lexington MA [US]
IN - (B1) DINSMORE MARK (US)
IC - (B1) H01J-035/06
AP - US31179299 19990513 [1999US-0311792]
PR - US31179299 19990513 [1999US-0311792]
EC - A61N-005/10B3
 H01J-035/06B
 H01J-035/32
ICO - T01J-235/08D2
PCL - ORIGINAL (O) : 378065000; CROSS-REFERENCE (X) : 378136000
DT - Corresponding document
UP - 2001-14

1 / 1 *LEGALI - @EPO*
PN - US6195411 B1 20010227 [US6195411]
AP - US31179299 19990513 [1999US-0311792]
ACTE - 20010105 US/AS-A
 ASSIGNMENT
 OWNER: PHOTOELECTRON CORPORATION 5 FORBES ROAD-SUITE 2 LE;
 EFFECTIVE DATE: 20010102
 ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:DINSMORE,
 MARK;REEL/FRAME:011438/0583
 20030124 US/AS-A
 ASSIGNMENT

OWNER: PYC CORPORATION TANPY BUILDING, 17-19 AKTI MIAOULI;
 EFFECTIVE DATE: 20030121
 SECURITY AGREEMENT;ASSIGNOR:PHOTOELECTRON
 CORPORATION;REEL/FRAME:013705/0362

UP - 2004-52

4 / 5 *PLUSPAT - ©QUESTEL-ORBIT - image*
 PN - US2001016027 A1 20010823 [US20010016027]
 STG - (A1) Utility Patent Application published on or after January 2, 2001
 TI - (A1) Miniature radiation source with flexible probe and laser
 driven thermionic emitter
 PA - (B2) PHOTOELECTRON CORP (US)
 PA0 - Photoelectron Corporation, Lexington MA [US]
 IN - (A1) DINSMORE MARK (US)
 IC - (A1) H01J-035/06
 PN2 - US6320932 B2 20011120 [US6320932]
 STG2 - (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001
 TI2 - (B2) Miniature radiation source with flexible probe and laser
 driven thermionic emitter
 PA2 - (B2) PHOTOELECTRON CORP (US)
 IN2 - (B2) DINSMORE MARK (US)
 IC2 - (B2) A61N-005/10
 AP - US74859000 20001222 [2000US-0748590]
 PR - US74859000 20001222 [2000US-0748590]
 US31179299 19990513 [1999US-0311792]
 EC - A61N-005/10B3
 H01J-035/06B
 H01J-035/32
 ICO - T01J-235/08D2
 PCL - ORIGINAL (O) : 378065000; CROSS-REFERENCE (X) : 378136000
 DT - Corresponding document
 UP - 2001-36

1 / 1 *LEGALI - ©EPO*
 PN - US2001016027 A1 20010823 [US20010016027]US6320932 B2 20011120
 [US6320932]
 AP - US74859000 20001222 [2000US-0748590]
 ACTE - 20030124 US/AS-A
 ASSIGNMENT
 OWNER: PYC CORPORATION TANPY BUILDING, 17-19 AKTI MIAOULI;
 EFFECTIVE DATE: 20030121
 SECURITY AGREEMENT;ASSIGNOR:PHOTOELECTRON
 CORPORATION;REEL/FRAME:013705/0362

20040302 US/RF-A
 REISSUE APPLICATION FILED
 EFFECTIVE DATE: 20031120
 UP - 2004-52

5 / 5 *PLUSPAT - ©QUESTEL-ORBIT - image*
 PN - WO200070645 A1 20001123 [WO200070645]
 STG - (A1) Publ. Of int. Appl. With int. Search rep
 TI - (A1) MINIATURE X-RAY SOURCE AND FLEXIBLE PROBE
 OTI - (A1) SOURCE MINIATURISEE DE RAYONS X ET SONDE FLEXIBLE
 PA - (A1) PHOTOELECTRON CORP (US)
 PA0 - PHOTOELECTRON CORPORATION ; 5 Forbes Road - Suite 2 Lexington, MA
 02421-7305 (US)

IN - (A1) DINSMORE MARK
IC - (A1) H01J-035/06
PN2 - WO200070645 A8 20010329 [WO200070645]
STG2 - (A8) Modified first page
TI2 - (A8) MINIATURE X-RAY SOURCE AND FLEXIBLE PROBE
OTI2 - (A8) SOURCE MINIATURISEE DE RAYONS X ET SONDE FLEXIBLE
PA2 - (A8) PHOTOELECTRON CORP (US)
IN2 - (A8) DINSMORE MARK
IC2 - (A8) H01J-035/06
LA - ENGLISH (ENG)
AP - WOUS0012920 20000511 [2000WO-US12920]
PR - US3117929 19990513 [1999US-0311792]
EC - A61N-005/10B3
 H01J-035/06B
 H01J-035/32
ICO - T01J-235/08D2
DS - AU; CA; CN; JP; KR; European Patent (AT; BE; CH; CY; DE; DK; ES;
 FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE)
DT - Basic
UP - 2000-44

1 / 1 *LEGALI - @EPO*
PN - WO200070645 A1 20001123 [WO200070645] WO200070645 A8 20010329
 [WO200070645]
AP - WOUS0012920 20000511 [2000WO-US12920]
ACTE - 20001123 WO/AK [+]
 DESIGNATED STATES
 AU CA CN JP KR

20001123 WO/AL [+]
 DESIGNATED COUNTRIES FOR REGIONAL PATENTS
 AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

20010117 WO/121
 EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN
 THIS APPLICATION

20010329 WO/AK [+]
 DESIGNATED STATES
 AU CA CN JP KR

20010329 WO/AL [+]
 DESIGNATED COUNTRIES FOR REGIONAL PATENTS
 AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

20010329 WO/CFP
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 REVISED ABSTRACT RECEIVED BY THE INTERNATIONAL BUREAU AFTER
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 PUBLICATION

20010426 WO/DFPE
 REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF
 19TH MONTH FROM PRIORITY DATE

20040216 WO/NENP
 NON-ENTRY INTO THE NATIONAL PHASE IN:
 <JP>

UP - 2004-15


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Syntax Definition

and	and
or	or
w/N	within N words
not w/N	not within N words
pre/N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not

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